

Claims

1. A surface covering comprising a substrate and a top coating characterised in that the top coating comprises particles with a conductive coating having a mean size between 0.1 and 50 μm .
- 5 2. The surface covering according to claim 1, wherein the particles are substantially spherical.
3. The surface covering according to claim 1 or 2, wherein the particles comprise a coating of silver, aluminum, copper, nickel, gold or an alloy thereof with another metals.
- 10 4. The surface covering according to any of the preceding claims, wherein the particles have a dry bulk resistivity of between 0.0001 and 0.01 Ohms/cm.
5. The surface covering according to any of the preceding claims, wherein the top coating comprises between 0.01 and 10% w/w of particles based on the weight of the top coating.
- 15 6. The surface covering according to any of the preceding claims, wherein the top coating comprises a PU-dispersion, a PU-solution, a 2-components PU, a PU acrylate, an epoxy acrylate, a polyester acrylate, a polyether acrylate, a silicone acrylate or a mixture thereof
7. The surface covering of claim 5, wherein the coating comprises an urethane
20 derived polymer preferably polyurethane.
8. The surface covering of claim 5, wherein the coating comprises a water based UV-curable PU-acrylate dispersion with a dry content of between 5 % and 80% w/w , preferably between 20 and 60 % w/w.

9. The surface covering according to any of the preceding claims, wherein the top coating has a thickness of between 0,5 μm to 100 μm
10. The surface covering according to any of the preceding claims, wherein the substrate is a conductive and antistatic flooring.
- 5 11. The surface covering according to any of the preceding claims, wherein the substrate is a PVC, polyolefin or rubber based flooring with vertical conductive channels.